

Supplementary Table 2. Microbiological and auto-antibodies investigations

	Tested patients
Microbiological tests ^a	
Sputum culture	11/11
Bacterial multiplex PCR assays ^b (sputum or BAL fluid)	8/11
Respiratory virus multiplex PCR assays ^c (nasopharyngeal swabs, sputum, or BAL fluid)	8/11
BAL fluid or tracheal aspirate culture	6/11
Cytomegalovirus PCR assay (BAL fluid or tracheal aspirate)	6/11
Acid-fast bacillus smear, culture, and PCR assay	9/11
Serum anti- <i>Mycoplasma pneumoniae</i> IgM	7/11
Serum anti- <i>Chlamydomphila pneumoniae</i> IgM	7/11
Urine <i>Legionella pneumophila</i> antigen assay	5/11
Urine <i>Streptococcus pneumoniae</i> antigen assay	6/11
<i>Pneumocystis carinii</i> PCR assay (BAL fluid)	5/11
Auto-antibodies tests	
Antinuclear antibodies	11/11
Anti-Ro/SSA antibody	11/11
Anti-La/SSB antibody	11/11
Rheumatoid factor	11/11
Anti-citrullinated peptide antibody	11/11
Anti-dsDNA antibody	9/11
Anti-Sm antibody	8/11
Anti-U1RNP antibody	8/11
Anti-Scl-70 antibody	8/11
ANCA, anti-proteinase 3 antibody	9/11
ANCA, anti-myeloperoxidase antibody	9/11
Anti-Jo-1 antibody	8/11

PCR, polymerase chain reaction; BAL, bronchoalveolar lavage; IgM, immunoglobulin M; dsDNA, double-stranded DNA; ANCA, anti-neutrophil cytoplasmic antibodies.

^aIn all patients, the results of all microbiological tests were negative.

^bBacterial multiplex PCR assays: *Bordetella pertussis*, *Bordetella parapertussis*, *Chlamydomphila pneumoniae*, *Haemophilus influenzae*, *Legionella pneumophila*, *Mycoplasma pneumoniae*, *Streptococcus pneumoniae*.

^cAdenovirus, human bocavirus, human rhinovirus, human coronavirus (229E, OC43), influenza virus (Flu A, Flu B), parainfluenza virus (PIV 1, 2, 3), respiratory syncytial virus (RSV A, RSV B), and metapneumovirus.